

# SYSTEM AND METHOD FOR MANAGING ACCESS TO MULTIPLE DEVICES IN A PARTITIONED DATA LIBRARY

## ABSTRACT OF THE DISCLOSURE

A data library system with managed device access comprises at least one partition, a plurality of data transfer elements each of the data transfer elements assigned to a partition, a plurality of data storage element slots, each of the slots assigned to a partition, a library controller comprising a virtual controller for each partition, the virtual controller directing movement of the media to and from the slots assigned to a same partition and to and from the data transfer elements assigned to the same partition, and at least one bridge operatively disposed between at least one user and the library, each of the bridges present the data transfer elements and the virtual controllers of each partition to the users as logical components beginning at a same designation for each partition.

[illegible]